

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **DEVICES FOR LESS-INVASIVE INTRACARDIAC INTERVENTIONS**, the specification of which X is attached hereto or was filed on as Application No. and was amended on

(if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Date of Filing	Status
08/425,179	April 20, 1995	Pending
08/163,241	December 6, 1993	Pending
08/023,778	February 22, 1993	Issued


POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

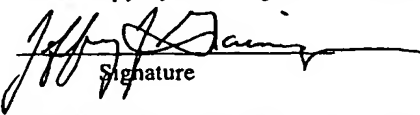
James M. Heslin, Reg. No. 29,541
 Jeffry J. Grainger, Reg. No. 36,815
 Jens E. Hoekendijk, Reg. No. 37,149

Send Correspondence to: James M. Heslin TOWNSEND AND TOWNSEND AND CREW Two Embarcadero Center, 8th Floor San Francisco, CA 94111-3834	Direct Telephone Calls to: James M. Heslin Reg. No. 29,541 Telephone: (415) 326-2400
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Full Name of Inventor 1	Last Name	First Name	Middle Name or Initial
	ROTH	ALEX	T.
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship
	Redwood City	California	USA
Post Office Address	Post Office Address	City	State/Country & Zip
	1354 Regent Street	Redwood City	California 94061

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
 ALEX T. ROTH		
Date: 5/31/96	Date:	Date:

FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPT. OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): ALEX T. ROTH 1354 Regent Street Redwood City, CA 94061 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: HEARTPORT, INC. Internal Address: 200 Chesapeake Drive Redwood City, CA 94063 Street Address: 200 Chesapeake Drive Redwood City, CA 94063 Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: _____					
4. Application number(s) or patent number(s): _____ If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: JEFFRY J. GRAINGER Internal Address: HEARTPORT, INC 200 Chesapeake Drive Redwood City, CA 94063 Street Address: HEARTPORT, INC 200 Chesapeake Drive Redwood City, CA 94063			6. Total number of applications and patents involved: 1 (one) _____ 7. Total fee (37 CFR 3.41) \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account _____ 8. Deposit Account No.: 08-1510 (duplicate copy attached)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> JEFFRY J. GRAINGER Name of Person Signing  Signature 5/31/96 Date Total number of pages including cover sheet, attachments, and document: 2					

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, ALEX T. ROTH, hereinafter referred to as "Assignor", is the inventor of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: **DEVICES FOR LESS-INVASIVE INTRACARDIAC INTERVENTIONS**

Date of Execution of Declaration: 5/31/96

Filed: Herewith

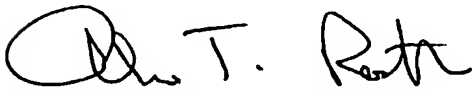
Serial No.: Not yet assigned

WHEREAS, HEARTPORT, INC., a Delaware corporation, located at 200 Chesapeake Drive, Redwood City, California 94063, hereinafter referred to as "Assignee", is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same:

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and all future improvements thereon, and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interests to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that he will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed his name on the date indicated.


ALEX T. ROTH

5/31/96
Date